

Quarterly Progress Report

Investigation Title: Utilization of EREP Data in Geological Evaluation, Regional Planning, Forest Management, and Water Management in North Carolina.

EREP Investigation No: 018

Contract No.: NAS9-13321

Principal Investigator: Charles W. Welby

Date: June 25, 1973

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During the first quarter of the contract, arrangements were made for ground truth data to be collected under tracks 33 and 47. In addition, one multispectral camera underflight was made of the Chowan River area at no cost to NASA. When it appeared possible that SKYLAB might run experiments along tracks 33 and 47, appropriate personnel were alerted.

The shifting of the SKYLAB orbital paths put track 33 west of the Wilmington test site at the coast. However, it has been reported that images of the Asheville area were made, and we request that any North Carolina images be made available to us for evaluation. Images from the Asheville-Buncombe County region would be useful in the study of forests, urbanization, and geology.

The amount of the \$4,000 authorized to be spent out of the contract funds through June 30 has been used, except for a small amount which will be used to support a photo-technician during July. He will be preparing enlargements of ERTS-1 and other appropriate photography, including the multispectral photography taken with the University's camera in May. Further work on the contract awaits arrival of the Asheville imagery and the authorization to expend further funds. When SKYLAB 3 is launched, we will alert our ground truth team to the times of possible data takes over North Carolina.

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